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JAMECO® ELECTRONICS

www.Jameco.com ✦ 1-800-831-4242

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Redundant / Hot Swappable Power Supply

EPR SERIES / ATX OUTPUTS

250 / 300 Watts

Jameco Part Number 201443

SPECIAL FEATURES:

* HOT SWAPPABLE, N+1 REDUNDANT
* INTERNAL OR'NG DIODES
* COMPACT SIZE (PSII SIZE)
* AUTO-RANGING AC INPUT
* POWER FAIL ALARM SIGNAL
* GREATER THAN 100,000 HOURS MTBF

INPUT:

Input Range	90-132 / 180-264VAC
Power Factor	N/A
Input Frequency	47-63Hz
Inrush	30A @ 115VAC / 50A @ 230VAC
Efficiency	65% Minimumat full load
Emmisions	FCC Class B, CISPR 22 Class B, VCCI Class 2
Leakage Current	<1000uA

ENVIRONMENTAL:

Operating Temp	0-50 Degrees C
Storage Temperature	-20 / +60 Degrees C
Derating	N/A
Operating Humidity	20-90% Non-Condensing
Vibration	Not Specified
MTBF	>100k Hours at 25C and full load
Warranty	2 Years

OUTPUT:

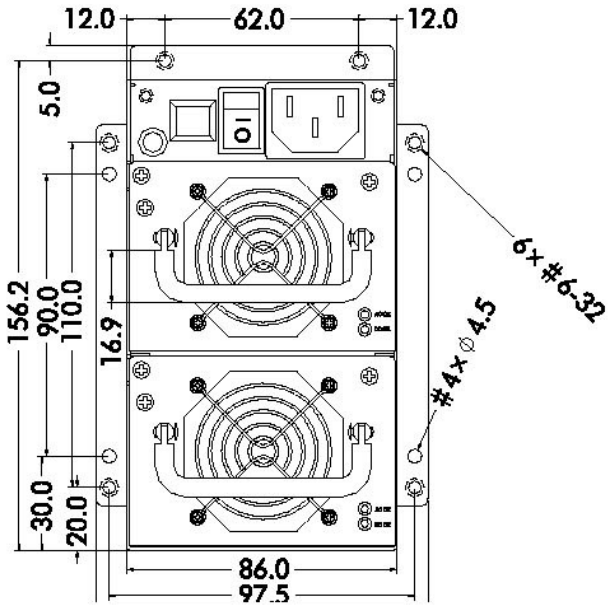
Adjustment Range	Fixed
Hold-up	20ms at full load
Overload Protection	N/A
Overvoltage Protection	5v: 5.6-6.9v / 3.3: 3.7-4.5v
Remote Sense	On +5v & 3.3v lines only
Output Ripple & Noise	+/-1% maximum
Load / Line Regulation	±5% on +5v,12v&5vsb, +5/-3% on 3.3v, ±10% on -5v&-12v

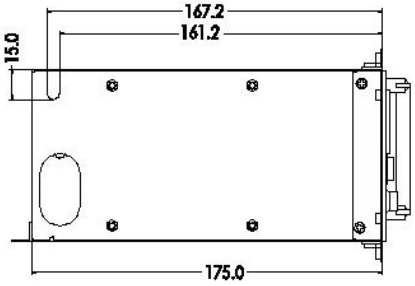
UL/CUL
TUV
CE MARK

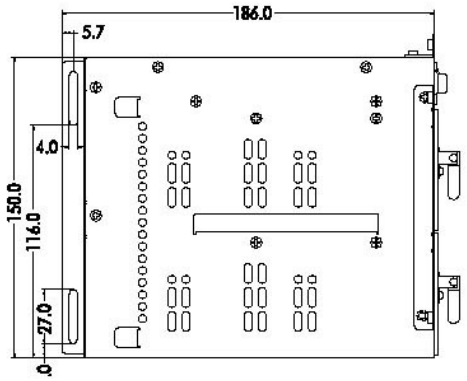
MODEL NUMBER:	OUTPUT VOLTAGE:	MINIMUM LOAD	OUTPUT CURRENT WITH CONVECTION COOLING	OUTPUT CURRENT WITH FORCED AIR COOLING	PEAKLOAD
EPR-2251*	+5 / +3.3 / +12 / -5 / -12 / 5VSB	3 / 0 / 1 / 0 / 0 / 0	N/A	30 / 15 / 14 / 0.5 / 1 / 1.5	N/A
EPR-2301**	+5 / +3.3 / +12 / -5 / -12 / 5VSB	3 / 0 / 1 / 0 / 0 / 0	N/A	36 / 16 / 14 / 0.5 / 1 / 2	N/A

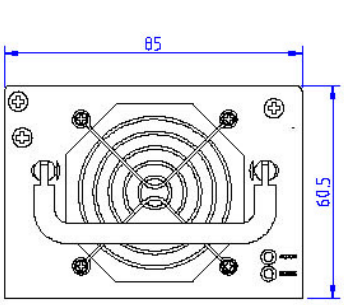
* TOTAL COMBINED +5V / +3.3V / +12 OUTPUTS NOT TO EXCEED 230 WATTS. TOTAL POWER LIMITED TO 250 WATTS BY BACKPLANE

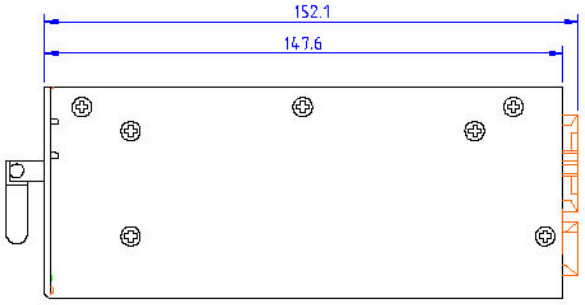
** TOTAL COMBINED +5V / +3.3V / +12 OUTPUTS NOT TO EXCEED 275 WATTS. TOTAL POWER LIMITED TO 250 WATTS BY BACKPLANE

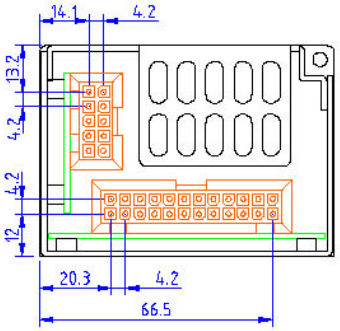


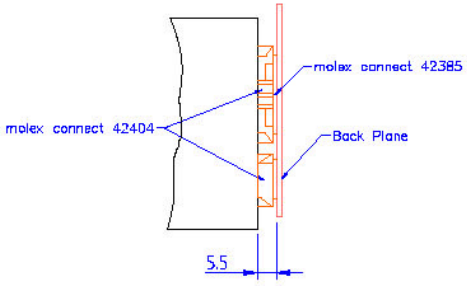


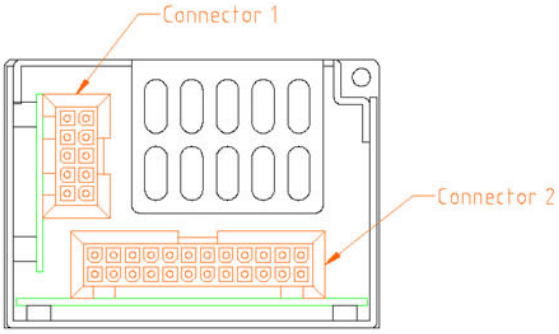












Connector 1:

AC-N	AC-N
N/C	N/C
AC-L	AC-L
N/C	N/C
Groun d	Groun d

Molex 15-24-9105
Mating Connector:
Molex 15-24-7103

Connector 2:

5VSB	PG	-12V	-5V	+12V	GND	GND	GND	GND	+5V	+5V	+3.3V
PSON	PFD	3VS+	5VS+	+12V	GND	GND	GND	GND	+5V	+5V	+3.3V

Molex 15-24-9245